```
USPAT; EPO; DERWENT 2003/07/21 14:51
              17
BR5
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                      (264/516).CCLS. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
                                                                                          2003/07/21 15:00
ISAR
       L2
              866
                                                    USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
                      2 and (integral NEAR5 handle)
       L3
               6
BR5
                      6444158.URPN, USPAT 2003/07/21 14:53
BRS.
       L4
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               16
"4433864" | "4952133" | "4982869" | "5297686" | "5338503" | "5447259" | "5469612" | "5508076" | "5560506").PN.
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       L12
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BR5
| "4590028" | "4629598" | "4646925" | "4728549" | "4915992").PN.
                                                                   USPAT 2003/07/21 14:55
                      5508076.URPN. USPAT 2003/07/21 14:56
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BR5
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                      ("0601988" | "3100576" | "3115682" | "3307752").PN.
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BR5
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       L16
                      3307752.URPN. USPAT 2003/07/21 14:56
BRS
       L18
               30
                                             USPAT 2003/07/21 14:56
BR5
       L21
               57
                      12 or 13 or 16 or 18
                      21 and (integral NEAR5 handle) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
              11
BR5
       L22
                                                                                          2003/07/21 15:00
                      (264/908).CCLS.USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
              49
IS&R
       L25
                      25 and (neck NEAR10 handle)
                                                    USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
BR5
       L26
              0
                      25 and (neck and handle) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
                                                                                                  2003/07/21
BR5
       L27
              1
15:00
                                                                                          2003/07/21 15:00
BR5
       L28
              1
                                     USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
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                                                                                          2003/07/21 15:00
              250
ISAR
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                                                                                          2003/07/21 15:00
              392
IS&R
       L30
       L31
              2
                      29 and (integral NEAR5 handle) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
BRS
                      30 and (integral NEAR5 handle) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
BR5
       L32
              10
                                     USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
                                                                                          2003/07/21 15:04
BR5
       L33
              16179
                      33 and (handle and crystalliz$) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
BR5
       L34
              61
                      33 and ((handle and neck) and crystalliz$) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
BRS
       L35
              24
                      ("4836971").PN. USPAT 2003/07/21 15:10
IS&R
       L36
              1
                                                                           428/36.6
                                                                                          215/12.2; 215/396;
US 5508076 A
                      USPAT 19960416
                                             9
                                                    Layered preform
215/398; 428/36.7; 428/36.91; 428/542.8; 428/903.3
                                                           Bright, Stephen A.
                      USPAT 19830208
                                                    Blow molded container with handle
                                                                                                 215/398
US 4372454 A
                                             12
               Thompson, Mortimer S.
US 5704507 A
                      USPAT 19980106
                                             4
                                                    Plastic container with integral flexible handle
                      215/379; 215/44; 220/755; 220/756; 220/769; 220/771; 222/465.1; 264/539; 425/525
       215/398
       Krall, Thomas J. et al.
US 4629598 A
                      USPAT 19861216
                                             6
                                                    Method for forming plastic bottle with integral handle
                      215/383; 215/398; 264/523; 264/532; 425/525
                                                                                  Thompson, Mortimer S.
       264/537
                                                                                                 215/398
                                                    Synthetic resin bottle with handle
US 4311246 A
                      USPAT 19820119
                                             6
       285/112
                      Saito, Tadao et al.
                                                    CONTAINER WITH INTEGRAL HANDLE, PREFORM AND
WO 9633063 A1A1, A5 EPO
                             19961024
                                             32
                                                            BEALE, GLENN ROBERT
METHOD OF MANUFACTURE
                                                                                  264/516
                                                                                                 215/396:
                      USPAT 20020903
                                             18
                                                    Handled plastic container
US 6444158 B1
215/398
                      Grob, Rolf et al.
                                                    Method of manufacturing a blow-molded container with an integral
US 4280859 A
                      USPAT 19810728
                                            13
                             156/245: 156/272.2: 156/275.5: 156/73.6: 215/398; 264/445; 264/454; 264/509;
              156/73.5
handle
264/513; 264/515; 264/535; 264/537; 264/540; 264/68
                                                                   Thompson, Mortimer S.
US 4280630 A
                      USPAT 19810728
                                            7
                                                    Container with handle
                                                                                  215/398
                                                                                                 264/532;
                             Hafele, Robert X.
264/537; 425/525
                      USPAT 19890606
US 4836971 A
                                                    Method for manufacturing heat resistant PET containers
       264/521
                      264/342R; 264/530; 264/532; 264/906; 264/908
                                                                                  Denis, Gerard et al.
US 5057266 A
                      USPAT 19911015
                                                    Method of making a hollow polyethylene terephthalate blow molded
                                                                          425/112: 425/129.1: 425/525
                                                           264/513
article with an integral external projection such as a handle
       Belcher, Samuel L.
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